

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) An apparatus for displaying the state of wear of a brake lining on a vehicle, the brake lining wear display apparatus comprising:

a wear sensor for sensing the state of wear of the brake lining;

a display device for providing a visual signal indicating the brake lining wear state;

an electronic control/evaluation system for controlling the display device;

an electrical connecting device for connecting the wear sensor to the electronic control/evaluation system, wherein the electronic control/evaluation system evaluates signals from the wear sensor and provides a signal to the display for generating the visual signal, wherein the electronic control/evaluation system signals the display device to provide a plurality of visual signals, the visual signals comprising a first visual signal when the wear sensor senses an intermediate stage of brake lining wear and a second visual signal when the wear sensor senses a stage of brake lining wear beyond the intermediate stage;

a memory storage device for storing a current wear state of the brake lining as well as previously sensed wear states, and for keeping a record of whether the intermediate stage of brake lining wear or the state of brake lining wear beyond the intermediate stage have been exceeded; and

a power supply device for providing power to the wear display device.

2. (previously presented) A brake lining wear display apparatus as recited in claim 1, wherein the power supply device comprises an external power supply.

3. (previously presented) A brake lining wear display apparatus as recited in claim 1, wherein the power supply device comprises a battery.

4. (cancelled)

5. (previously presented) A brake lining wear display apparatus as recited in claim 1, further comprising a display for providing a visual signal indicating status of the power supply.

6. (previously presented) A brake lining wear display apparatus as recited in claim 1, further comprising a display for indicating an interruption in a connecting device between the electronic control/evaluation system and the wear sensor.

7. (previously presented) A brake lining wear display apparatus as recited in claim 1, further comprising a data connection for transmitting signals between the electronic control/evaluation system and an external electronic system.
8. (previously presented) A brake lining wear display apparatus as recited in claim 1, wherein the storage device outputs data signals to the external electronic system via the electronic control/evaluation system only after a predetermined code word has been entered.
9. (previously presented) A brake lining wear display apparatus as recited in claim 1, wherein the display comprises a signal light.
10. (previously presented) A brake lining wear display apparatus as recited in claim 1, wherein the signal light comprises an LED.
11. (previously presented) A brake lining wear display apparatus as recited in claim 1, wherein the electronic control/evaluation system and the display device are arranged on a circuit board.
12. (currently amended) A vehicle, comprising:
 - a brakeable an axle including wheels which can be braked;
 - a brake lining operatively associated with at least one of the wheels; and
 - an apparatus for displaying the state of wear of the at least one brake lining, the brake lining wear display apparatus comprising:
 - a wear sensor for sensing the state of wear of the at least one brake lining,
 - a display device for providing a visual signal indicating the brake lining wear state,
 - an electronic control/evaluation system for controlling a display device,
 - an electrical connecting device for connecting the wear sensor to the electronic control/evaluation system, wherein the electronic control/evaluation system evaluates signals from the wear sensor and provides a signal to the display for generating the visual signal, wherein the electronic control/evaluation system signals the display device to provide a plurality of visual signals, the visual signals comprising a first visual signal when the wear sensor senses an intermediate stage of brake lining wear and a second visual signal when the wear sensor senses a stage of brake lining wear beyond the intermediate stage,
 - a memory storage device for storing a current wear state of the brake lining as well as previously sensed wear states, and for keeping a record of whether the

intermediate stage of brake lining wear or the stage of brake lining wear beyond the intermediate stage have been exceeded, and

a power supply device for providing power to the wear display device.

13. (previously presented) A vehicle as recited in claim 12, wherein a brake lining is operatively associated with each of the wheels on the brakable axle, and the brake lining wear display apparatus is provided for each wheel.

14. (previously presented) A vehicle as recited in claim 12, wherein the power supply device comprises a power supply associated with the vehicle.

15. (previously presented) A vehicle as recited in claim 12, wherein the power supply device comprises a battery associated with the brake lining wear display apparatus.

16. (cancelled)

17. (previously presented) A vehicle as recited in claim 12, wherein the brake lining wear display apparatus further comprises a display for indicating an interruption in a connecting device between the electronic control/evaluation system and the wear sensor.

18. (previously presented) The vehicle as recited in claim 12, wherein the display is disposed in the chassis or in the passenger compartment of the vehicle.

19. (previously presented) A vehicle as recited in claim 12, wherein the brake lining wear display apparatus further comprises a data connection for transmitting signals between the electronic control/evaluation system and an external electronic system.

20. (previously presented) A vehicle as recited in claim 19, wherein the external electronic system comprises an electric brake system associated with the vehicle.

21. (previously presented) A vehicle as recited in claim 19, wherein the external electronic system comprises an odometer, and wherein the current odometer reading is simultaneously stored in the memory storage device with the current wear state of the brake lining.

22. (previously presented) A vehicle as recited in claim 19, further comprising a parking brake, and wherein the external electronic system comprises means for sensing the status of the parking brake for signaling sending a signal to the electronic control/evaluation system when the parking brake is activated.